

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 2    | "4805123".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/04/17 16:33 |
| S1    | 4237 | 382/141-152.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/04/14 16:02 |
| S2    | 367  | 382/141-152.ccls. and die near4 die                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/04/14 16:02 |
| S3    | 320  | 382/141-152.ccls. and die near2 die                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/04/14 16:08 |
| S4    | 320  | 382/141-152.ccls. and die near2 die                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/04/14 16:11 |
| S5    | 205  | 382/141-152.ccls. and die near2 die and repeat\$4                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/04/14 16:12 |
| S6    | 158  | 382/141-152.ccls. and die near2 die and repeat\$4 and (whole entire)     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/04/14 16:13 |
| S7    | 158  | 382/141-152.ccls. and die near2 die and repeat\$4 and (whole entire all) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR               | ON      | 2007/04/14 17:26 |
| S8    | 80   | ("4347001"   "4553834"   "4559603"   "4579455").PN. OR ("4845558").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR               | ON      | 2007/04/14 16:28 |

## EAST Search History

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| S9  | 61  | 382/141-152.ccls. and die near2 die and repeat\$4 and (whole entire all) near4 (wafer)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/14 17:30 |
| S10 | 63  | 382/141-152.ccls. and die near2 die and (repeat\$4 repetition) and (whole entire all) near4 (wafer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/14 17:30 |
| S11 | 35  | 382/141-152.ccls. and (detect\$4 near5 (repeat\$4 repetition)) and ((entire whole) near5 (wafer die)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/15 15:40 |
| S12 | 3   | 348/87-95.ccls. and (detect\$4 near5 (repeat\$4 repetition)) and ((entire whole) near5 (wafer die))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/15 15:34 |
| S13 | 303 | (detect\$4 near5 (repeat\$4 repetition)) and ((entire whole) near5 (wafer die))                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/15 15:34 |
| S14 | 284 | (detect\$4 near5 (repeat\$4 repetition)) and ((entire whole) near5 (wafer))                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/15 15:34 |
| S15 | 63  | 382/141-152.ccls. and die near2 die and (repeat\$4 repetition) and (whole entire all) near4 (wafer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/15 15:34 |
| S16 | 177 | 382/141-152.ccls. and (detect\$4 near5 (repeat\$4 repetition))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/15 15:40 |
| S17 | 59  | 382/141-152.ccls. and (detect\$4 near5 (repeat\$4 repetition) near5 (pattern die))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/15 15:59 |

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|     |     |  |  |    |    |                  |
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| S18 | 2   | "4579455".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/15 16:05 |
| S19 | 2   | "4805123".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/15 16:05 |
| S20 | 158 | 382/141-152.ccls. and die near2 die and repeat\$4 and (whole entire all)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/16 16:21 |
| S21 | 2   | "4926489".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/15 16:31 |
| S22 | 335 | 382/141-152.ccls. and (repeat\$4 repetition) near5 (pattern die) and (whole entire all)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/16 16:36 |
| S23 | 102 | 382/141-152.ccls. and (repeat\$4 repetition) near5 (pattern die) and (whole entire all) near5 (wafer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/16 16:37 |
| S24 | 16  | 382/141-152.ccls. and (detect\$4 near5 (repeat\$4 repetition)) near5 (pattern die) and (whole entire all) near5 (wafer)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/16 16:54 |
| S25 | 17  | ("4677296"   "4891524"   "4902967"   "4912313"   "5502306"   "5557105"   "6081325"   "6204075"   "6256093"   "6272236"   "6303931"   "6329826"   "6348690"   "6399953"   "6452677"   "6504393"   "6697517").PN. OR ("7116816").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                       | OR | ON | 2007/04/16 16:49 |
| S26 | 59  | 382/141-152.ccls. and (detect\$4 near5 (repeat\$4 repetition) near5 (pattern die))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/16 16:55 |

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|     |   |               |  |    |    |                  |
|-----|---|---------------|--|----|----|------------------|
| S27 | 2 | "6366688".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/17 10:56 |
| S28 | 2 | "4805123".pn. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT<br>; IBM_TDB | OR | ON | 2007/04/17 10:56 |